

AMENDMENT

Please change the title to:

INDUSTRIAL PROCESS FOR β -LACTAM ANTIBIOTICS USING CHEMICALLY
DEFINED MEDIA

In the Specification:

On page 1 of the Specification, under the title, please insert the following:

Cross-Reference to Related Applications

B1 This application is a divisional of U.S. Serial No. 09/367,029 filed 25 October 1999.

In the Claims:

Please replace the presently pending claims with the following claims:

- B2
1. (Twice amended) A process for the production of a β -lactam, comprising the steps of:
- LCI a) fermenting on a volume scale of at least 10 m³, a microbial strain that produces a β -lactam in a fermentation medium which utilizes only chemically defined components as carbon and nitrogen sources and contains no complex raw materials, and
- b) recovering the β -lactam from the fermentation medium.
2. The process of claim 1, wherein the chemically defined medium further contains an amount of a complex carbon and/or nitrogen source which is less than 10% of the total C and/or N in the medium.
- B3 3. (Twice amended) The process of claim 1, wherein the chemically defined components comprise a carbon source selected from the group consisting of glucose, lactose, fructose, sucrose, a maltodextrin, starch inulin, glycerol, a vegetable oil, a hydrocarbon, an